

Division celebrates safest record in 37-year history



AWARDS OF EXCELLENCE—Robert J. Hart, Manager of DOE's Oak Ridge Operations, center, presents awards of excellence to ORGDP, ORNL and Y-12 in recognition of the facilities' reduced incidence of lost workday and restricted work cases by at least 25 percent. Accepting the awards are William S. Sneath, Chairman of the Board and Chief Executive Officer of Union Carbide, right, as Roger H. Hibbs, President of the Nuclear Division, looks on.

1979 was the safest year in Carbide's 37-year history of operations at Paducah and Oak Ridge. The Nuclear Division swept 13 major awards for safety performance during 1979 at a special luncheon July 10 at the Holiday Inn in Oak Ridge.

Roger F. Hibbs, President of the Nuclear Division, in summarizing the record-breaking statistics to some 150 representatives from management and labor organizations from the four plants, stated that this record was the result of a team effort in which all employees have made safety a basic part of their jobs.

During 1979, six employees suffered occupational disabling injuries that resulted in lost workdays. The average for the last five years has been 12 such injuries a year. These injuries were of a type that could occur in any large industrial facility.

UCC official

Union Carbide Safety Awards were presented by William S. Sneath, Chairman of the Board and Chief Executive Officer of Carbide. The Corporation's highest award was presented to each of the three Oak Ridge facilities. This award is given when a facility records four million or more employee hours

without a lost workday injury during a period of at least 90 days. ORGDP's award was for 11,995,000 hours (384 days), while Y-12 amassed 8,194,000 hours (242 days), and ORNL 4,026,000 hours (174 days).

The Corporation's second highest award went to the Paducah Plant for accumulating 3,525,000 hours (285 days) without a lost workday injury.

ORGDP became eligible for additional recognition as a result of the Corporation changing its safety awards program. Under the new program initiated January 1, 1980, facilities will be recognized for working 8, 12, or 16 million employee hours without a lost workday injury. Bronze awards are given for 8 million employee hours; silver for 12 million; and gold for 16 million. ORGDP is the first Carbide location to receive the silver award.

Praises performance

Commenting on the safety record of the Nuclear Division, Sneath said that the Division "has helped set the standard for safety performance at Union Carbide for a long time." He pointed out that safety is not an adjunct of Carbide's business operations. It is a full-fledged measure of management performance, he said. "We are managing safety as we do any other aspect of our business, and we are emulating the leadership in safety taken by the Nuclear Division," he added.

DOE awards of excellence in the safety program were presented by Robert J. Hart, Manager of DOE's Oak Ridge Operations, to ORGDP, ORNL and Y-12. This recognition signifies that a facility has reduced the incidence of lost workday and restricted work cases by at least 25 percent compared to the average incidence for the award year and the two previous years. Paducah was presented with a DOE Award of Achievement for limiting the incidence of lost workday and restricted work cases to below 1.0 for three consecutive years.

Prior to making his presentations, Hart said that in recent years all tech-



Sneath:
'You set the standard.'



Hart:
'Safety is paramount.'



Hibbs:
'Our best record ever.'

In this issue...

William S. Sneath, Chairman of the Board and Chief Executive Officer for Union Carbide Corporation, visits facilities at Y-12 and ORGDP. Pictures are on pages 4 and 5.

Other features in this issue:

Biology appointments Page 2

Dr. Lincoln Page 3

Question Box Page 7



(Please turn to page 8)



MEMBERS OF THE ORNL UNITED WAY COMMITTEE FOR 1980 include, from left, Susan Buhl, Publicity; George Joseph, Solicitor Training; Lynn Edwards, Materials; Bill Harms, Chairman; Janice Blanton, Co-chairman; Mary Helen Owen, Assistant to Chairman; Bob Sherlin, Treasurer; and Gerry Johnson, Assistant Treasurer. Not pictured are N. L. Beeler, Associate Chairman for Atomic Trades and Labor Council; G. C. Johnson, Associate Chairman for International Guards Union of America; and Norma Callahan, Transportation Coordinator.

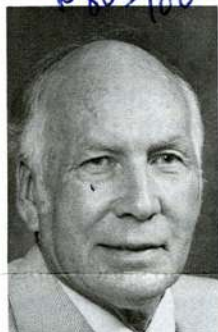
Recent Retirements



John J. Ward
Building Services
Y-12
33 years service



Arthur G. Terry
Fabrication Shops
Paducah
29 years service



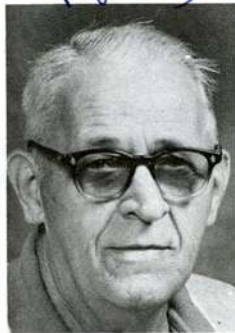
Thomas E. Walsh
Electrical
Y-12
26 years service



Richard D. White
Fabrication shops
Paducah
28 years service



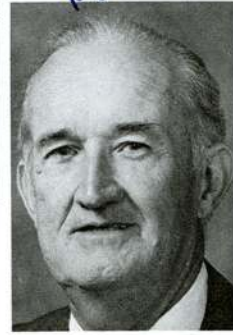
James C. Nelson
Radiation Safety
Y-12
36 years service.



Carl L. Monday
Research Services
Y-12
28 years service



Victor M. Hovis Jr.
Development Division
Y-12
30 years service



John M. Ball
Employee Relations
General Staff
28 years service



Charles O. Grant
Process Maintenance
Paducah
29 years service



Robert G. Kinney
Fabrication Shops
Paducah
28 years service



Charles H. Sears
Process Maintenance
Paducah
29 years service

Epler, Russell appointed new section heads in ORNL Biology



James L. Epler



Liane B. Russell

The division of the Mutagenesis and Teratogenesis Section of ORNL's Biology Division into two new sections has been announced. They are Cellular and Comparative Mutagenesis, headed by James L. Epler, and Mammalian Genetics and Teratology, headed by Liane B. Russell.

With the reorganization, the division now consists of four research sections—the two new ones plus the existing Molecular and Cellular Sciences Section and the Cancer and Toxicology Section.

Epler joined the Nuclear Division in 1964 when he came to the Biology Division as a U.S. Public Health Service Postdoctoral Fellow. Since 1973 he has headed the division's comparative mutagenesis group.

In his new position he will direct mutagenesis research in sub-mammalian systems, which include bacteria, fungi, insects and mammalian cells. In addition to his section head duties, Epler is responsible for coordinating the Biology Division's activities in ORNL's Life Sciences Synthetic Fuels Program. He is also a professor in the University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences.

A native of Lancaster, Pa., Epler received the BS degree from Millersville (Pa.) State College and MS and PhD degrees in zoology from Florida State University. He is a councilor for the Environmental Mutagen Society

and serves on the editorial board of the journal *Mutation Research*.

Epler and his wife, Rhonda Farmer Epler, live at 614 Greenwood Drive, Clinton.

As head of the Mammalian Genetics and Teratology Section, Russell will be responsible for research in the areas of basic mammalian genetics and mutagenesis, the induction of heritable changes; teratogenesis, the induction of abnormal development; and embryology.

Russell, who has headed the Mutagenesis and Teratogenesis Section since its creation in 1975, is a native of Vienna, Austria. She joined the Nuclear Division in 1947 after receiving the AB degree from Hunter College in New York, and in 1949 was awarded the PhD degree from the University of Chicago.

Since joining the Biology Division staff, Russell has won international recognition for her classical studies in genetics. She was scientific advisor to the U.S. delegation at the first Atoms for Peace Conference, held in Geneva, Switzerland, in 1955. In 1973, she was the first woman and the youngest person ever to receive the internationally awarded Roentgen Medal. She was elected to the Hunter College Hall of Fame in 1979.

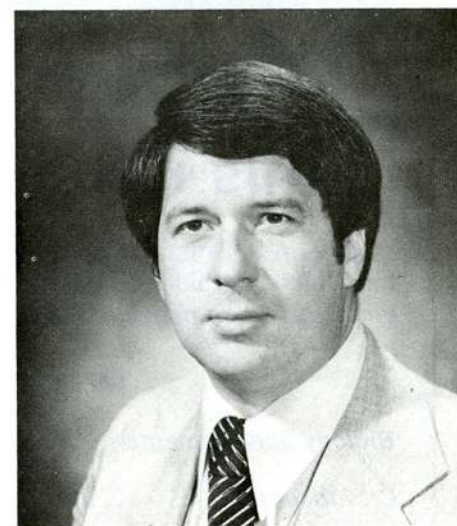
Russell and her husband, William, a Biology Division consultant, live at 130 Tabor Road, Oak Ridge.

Carter promoted at Paducah

Jerry W. Carter has been named head of Paducah's Mechanical Engineering Department in Plant Engineering. He joined Union Carbide in 1969 and has held positions as CUP manager, machine design section head, purge cascade project manager and mechanical systems section head. Prior to joining the organization at Paducah, he worked as a research assistant for Wenner Gren Research Laboratory at the University of Kentucky.

Carter has a BS degree in mechanical engineering from the University of Kentucky and is a native of Paducah.

He and his wife, Georgia, live on Wellington Circle, Paducah.



Jerry W. Carter



Medicine Chest

Are periodic physical examinations needed?

by T. A. Lincoln, M.D.

(Editor's Note: Dr. Lincoln alternates his regular column with "The Medicine Chest," where he answers questions from employees concerning health in general. Questions are handled in strict confidence, as they are handled in our Question Box. Just address your question to "Medicine Chest," NUCLEAR DIVISION NEWS, Building 9704-2, Stop 21, Y-12, or call the news editor in your plant, and give him or her your question on the telephone.)

The American Cancer Society, the Canadian Task Force and other groups have recently been critical of periodic health examinations. The frequency with which potentially dangerous but completely silent diseases can be detected early, treated and cured is low. Since the yield is so small, many "experts" say that such examinations should be abandoned or radically changed.

Exams are valuable

Before reviewing the important "other" objectives in periodic examinations, which many experts seem to ignore, one should look at some facts. Dr. Victor Gilbertson and his associates at the University of Minnesota Cancer Detection Clinic found only 19 early colon cancers during the initial direct visual examination of the lower bowel in 12,000 patients. Only 9 additional cancers

were found in 41,000 repeat examinations in this same group. Adenomatous polyps were removed from 5-10 percent of the patients. These lesions were thought to be precancerous, but now there is serious doubt that they are. At \$40 per examination, each cancer detected by Dr. Gilbertson cost about \$75,000. What is the worth of a life saved?

Many of the screening laboratory tests yield less than 5 percent abnormal findings. Even when a disease is detected early, it may not be possible to prolong the life of the individual, or even to significantly alter the course of the disease.

Why are physical examinations performed? Because, in a number of cases, it is possible to alter the course of a disease. If that is not possible, patients are at least able to make certain adjustments in the way they live and to improve the quality of their remaining years.

Although the critics may be harsh, many patients return over and over again for regular examinations. Why? Have they been sold a "bill of goods?"

Why do physicals?

An examination performed by a capable physician interested in preventive medicine is a valuable therapeutic procedure. Patients feel better because they have made an assessment of their health and habits. They realize that many of their lifestyles are potentially damaging. They may not be able to change them dramatically, but at least they have faced up to a critical self-appraisal. This "confession" is therapeutic, and the whole process can be a powerful motivator for eventual change.

Most people know that routine physical examinations have severe limitations. They know that many cancers and other dangerous diseases are difficult to detect early. A good physician warns against becoming complacent just because nothing was found. It is still important to remain alert. The relationship developed during a visit to a physician should encourage early consultation on medical problems that may appear before the next scheduled examination.

Better programs developed

If nothing is done to improve risk factors, the examination may only become a document recording the patient's decline because of age and poor lifestyle.

Findings must be converted to action. An examination should not be a meaningless ritual. Better programs to encourage lifestyle change

are being developed using paramedics and lay leaders. They appear to be much more successful than a physician's stern admonition to "stop smoking," "drink less," "lose weight" or "exercise more." Medical surveillance examinations in industry are required for people exposed to certain toxic chemicals or physical stresses such as noise, radiation or vibration. These are needed to detect the earliest possible adverse effects of such exposures. If problems are found, process or engineering changes, better administrative control and the use of protective equipment can be used to reduce exposures and to prevent permanent injury.

Improving quality of life

A good example of the debate on the efficiency of periodic examinations concerns the diagnosis of diabetes before it causes any obvious symptoms. Some experts say that early treatment has no effect on the eventual outcome of this disease. Recently, however, substantial evidence has indicated that a persistent elevation of blood sugar is, by itself, a major factor in the long-range complications of diabetes. Controlling weight, stopping smoking, getting sensible exercise and improving the diet should make patients feel better and will probably delay the onset of complications. Regardless, the quality of their lives should be improved by achieving a better perspective.

Health, productivity and happiness are closely related. There is no easy way to obtain them all. Skillfully performed periodic examinations can make a small but important contribution.

News About People

Charles C. Coutant, ORNL Environmental Sciences Division, is participating in a world-wide research study of Environmental and Societal Consequences of a CO₂-Induced Climate Change. He is among 29 scientists from research and educational institutions across the U.S. who have developed plans to guide the 10-year project, which is sponsored by DOE and the American Association for the Advancement of Science.

Coutant, manager of aquatic power plants effects projects at ORNL, heads the section of the project that will investigate and monitor the effects of CO₂-induced climate changes on freshwater ecosystems.

Robert W. McClung, ORNL Metals and Ceramics Division, has been named a fellow of the American Society for Testing and Materials and a recipient of that society's Award of Merit. The award was presented in Chicago this month and was conferred by the ASTM board for distinguished service to the cause of voluntary standardization in the areas of materials, products, systems and services. He was cited for "monumental service to the

technology of nondestructive testing for over 25 years and untiring dedication to the advancement of knowledge and leadership in standards development."

McClung also was named an outstanding Engineering Alumnus by the University of Tennessee's College of Engineering at its 1980 honors banquet. A chemical engineering graduate of UT, he joined Union Carbide in 1955.

R. Julian Preston, a senior research staff member in the Cellular and Comparative Mutagenesis Section of ORNL's Biology Division, has agreed to serve as managing editor of the newly established international journal *Mutation Research Letters*.

Mutation Research Letters is a daughter publication of *Mutation Research*, which deals with mutagenesis, chromosome breakage and related subjects.

Preston, who is also associate director of the University of Tennessee-Oak Ridge Graduate School of Biomedical Sciences, joined the Nuclear Division in 1970 after seven years as a staff member of the Medical Research Council

Radiobiology Unit in Oxfordshire, England. A native of London, he holds BA and MA degrees in genetics from Cambridge University and a PhD degree in radiation biology from Reading University in England.

Thomas E. Douglass and Larry A. McDonald took statewide honors recently from the Tennessee Society of Professional Engineers. Douglass, manager of mechanical design engineering, was given the Outstanding Service Award and Larry A. McDonald, section supervisor of the engineering division at Y-12, was named Young Engineer of the Year. They had taken the same honors earlier this year from the Oak Ridge chapter of TSPE.

Douglass' award is the highest individual award given by TSPE, presented annually to the professional engineer whose contributions to the profession have been outstanding. He joined Union Carbide in 1958 after graduating from Mississippi State University.

McDonald's honor comes as an award to the young engineer who has distinguished himself both scholastically and technically. He holds degrees from Tennessee Technological University and the University of Tennessee.



Coutant



McClung



Preston



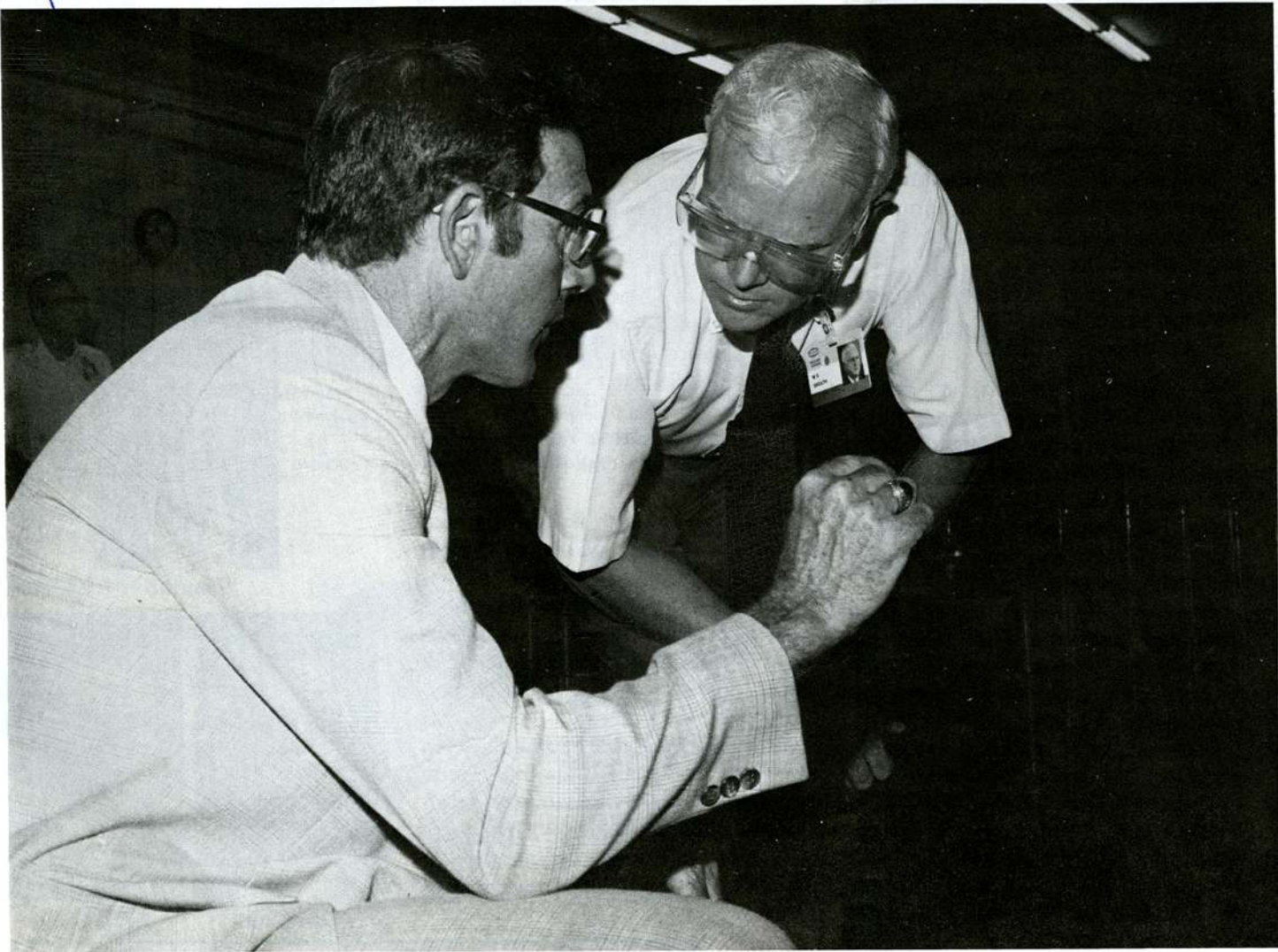
Douglass



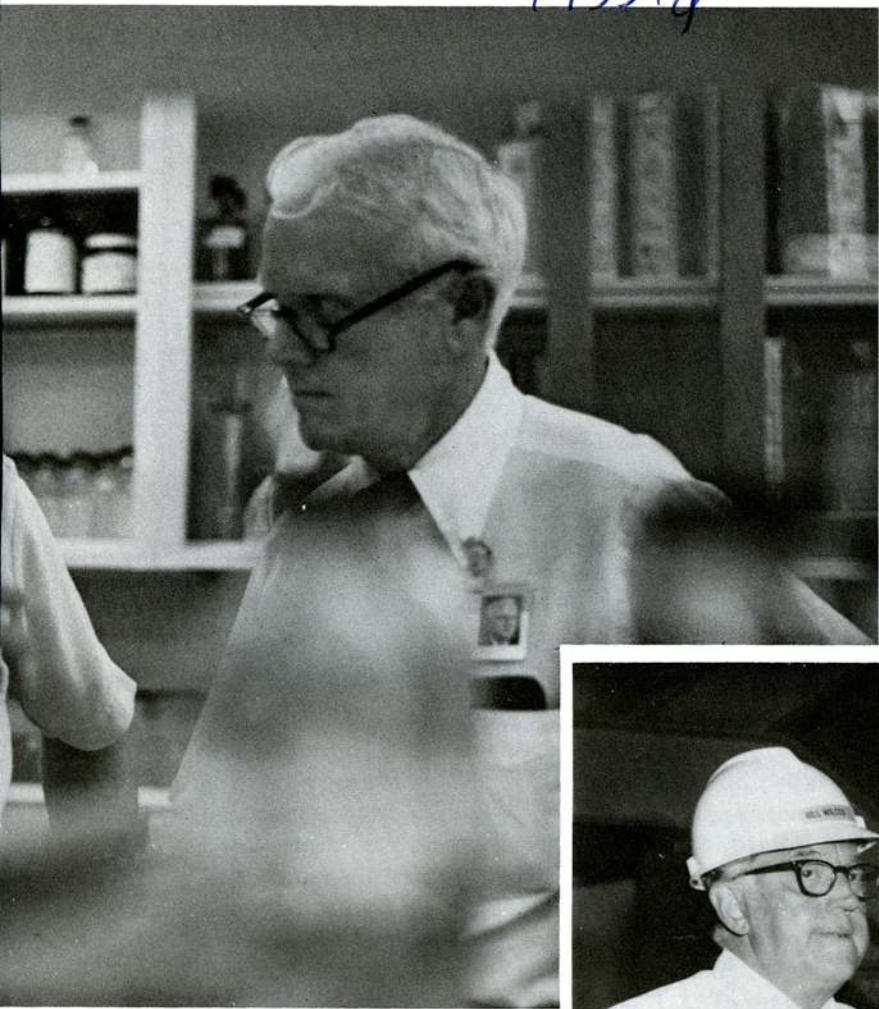
McDonald

UCC chief executive visits facilities

William S. Sneath, Chairman of the Board and Chief Executive Officer of Union Carbide, toured sections of Y-12 and the Oak Ridge Gaseous Diffusion Plant recently. At ORGDP, he saw the Advanced Equipment and Component Test Facilities; and at Y-12, he visited in several production areas and toured parts of the Biology Division. The chief executive was in Oak Ridge to recognize the Nuclear Division's best safety year in its 37-year history.



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Nuclear Division News

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NUCLEAR DIVISION
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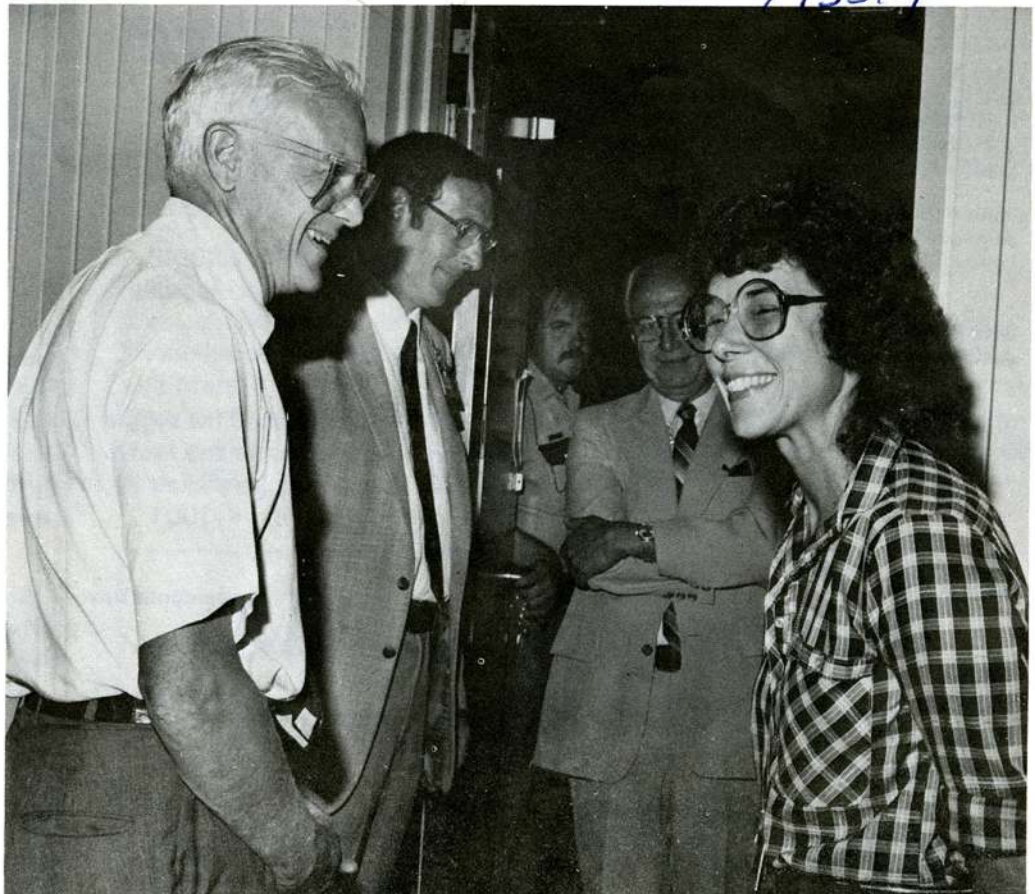
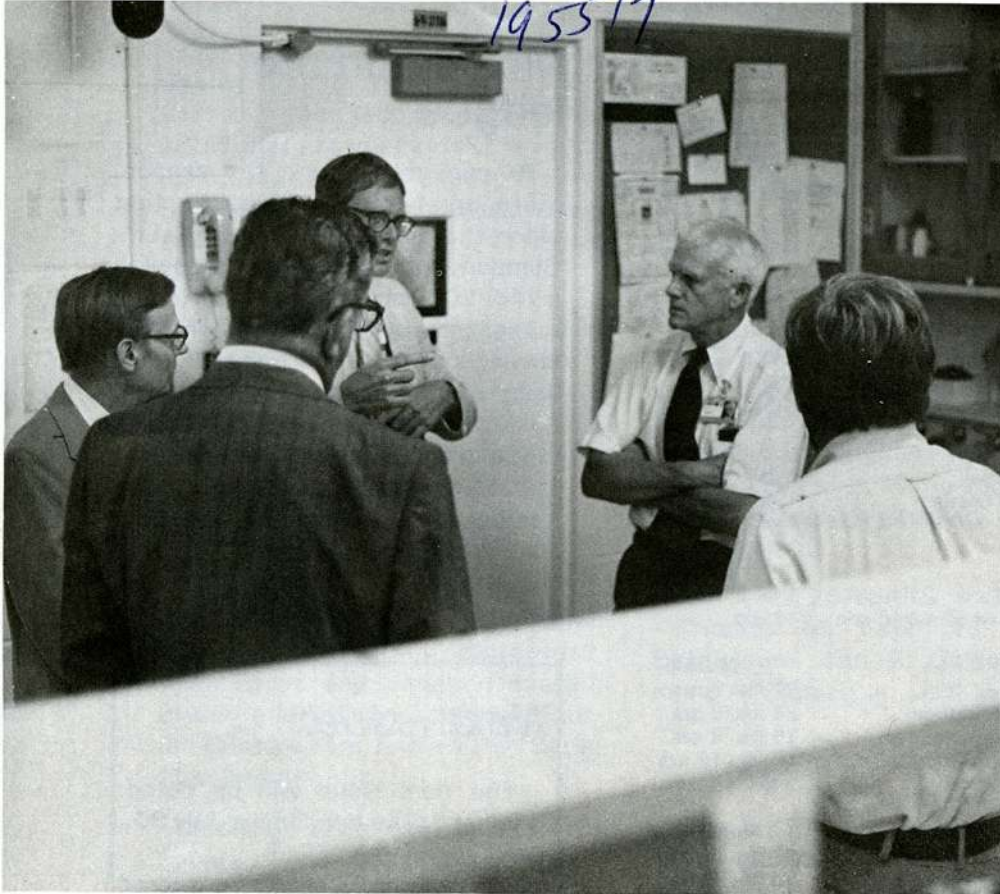
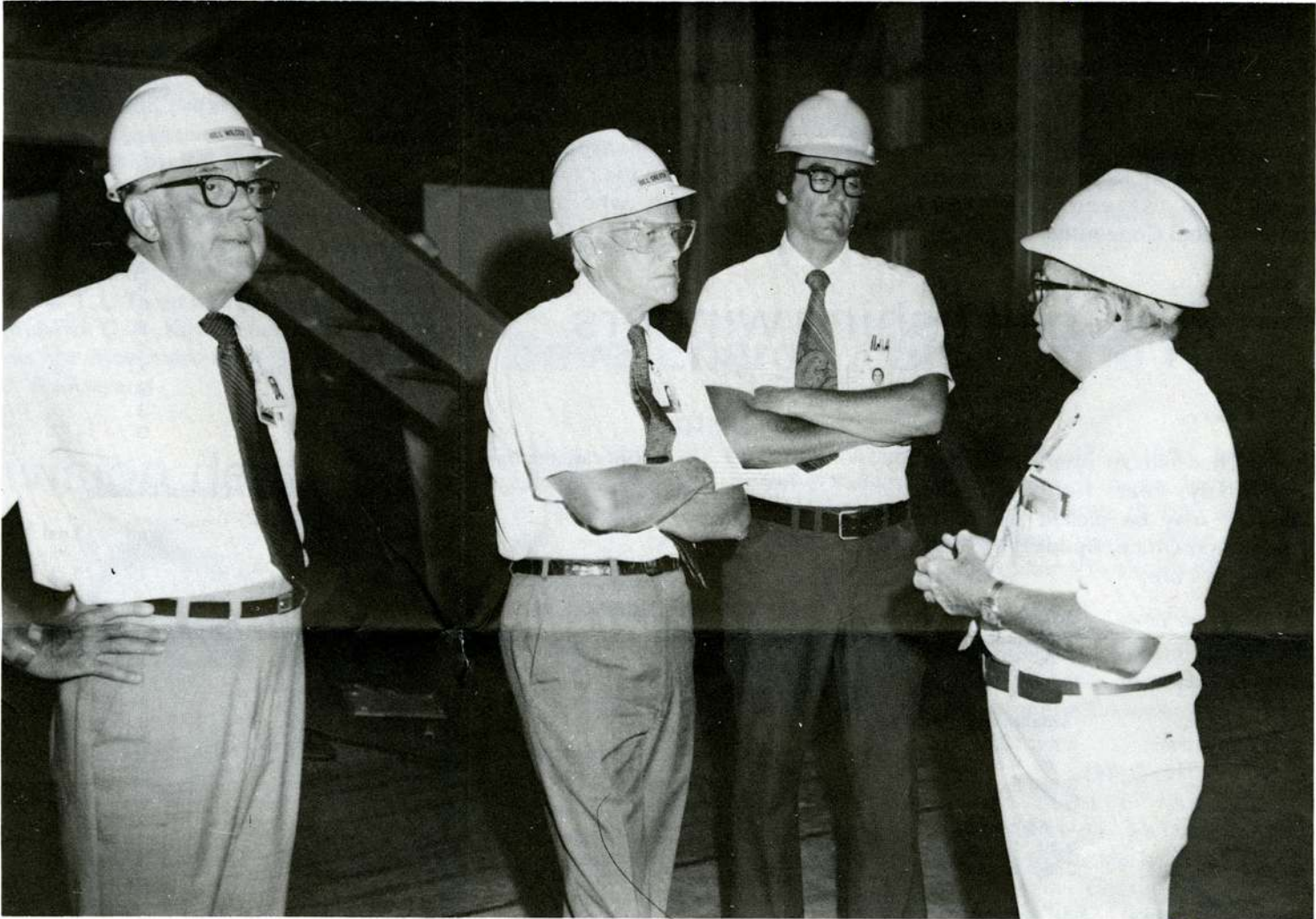
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PADUCAH
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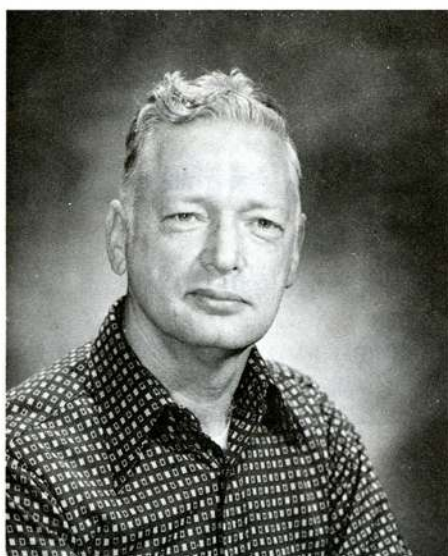
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Virgil's "Kings or Better" sing way to fame in quartet contest

Virgil King, Paducah Plant Electrical Maintenance Department, has been named Barbershopper of the Year by the Western Kentucky Chapter of the Society for the Preservation and Encouragement of Barber Shop Quartet Singing in America.

King, a native of Carlisle County, has served as the secretary of the local chapter since August 1978. In being named Barbershopper of the Year, King's dedication in furthering the goals of the society are noted by his fellow barbershoppers. In addition, King has been active in a quartet known as "Kings or Better;" has attended both the spring and fall Cardinal District conventions and competitions during 1979; he attended the International Convention of the Society in Minneapolis in 1979 and is making plans to attend the 1981 International Convention.



Virgil King

King has been at the Paducah Plant since 1966. He and his wife, Sandy, live in Arlington with their two sons, James and William, who are also barbershoppers.

Mid-July softball standings...

Mid-July standings in the Carbide Softball Leagues find the Snakes and the Sparks alone at the top of their respective sections without a loss.

Hot summer standings follow:

Atomic League - North Division

Name	Won	Lost
Snakes	10	0
Shifters	7	2
Gashouse Gang	7	3
B. T. Express	8	4
Blue Demons	7	4
Dynamics	6	4
Electric Bananas	6	5
Bruins	6	5
ESD Pits	4	7
Rangers	2	8
Critical Mess	2	8
A-Shifters	1	8
War Hogs	1	9

Carbon League - East Division

Name	Won	Lost
K-Traitors	11	1
Bareskins	10	2
QA&I	9	2
Fes-Kids	9	3
Streakers	8	3
Pirates	7	5
Sluggers	6	5
Ringers	5	6
Superstar's	5	7
Killer Bees	5	7
Knockers	4	7
Wizards	4	7
Bear Creek All Stars	3	8
Crippled Turkeys	3	9
Coneheads	3	9
Tom's Turkeys	0	11

Carbon League - Central Division

Name	Won	Lost
Master Batters	11	1
Luda Loptas	9	2
P.O.I.'s	9	2
More Knockers	9	2
Wild Turkeys	7	3
Fed II	8	4
Skinks	7	4
Pop-Ups	6	5
Uptowners	5	5
The Gauss House Gang	5	6
Pits	3	8
Fuzz Ballz	3	8
Fed I	3	8
Our Gang	2	9
Zilogs	1	10
The Argonauts	0	11

Atomic League - South Division

Name	Won	Lost
Prime Time Players	11	2
Mama's Best	10	2
Thunderdogs	10	2
Mutagents	9	4
Magnum Force	8	4
Short Circuits	6	6
Infra-Red Sox	6	6
Ole Ruff & Ready Gang	4	9
Arties Army	4	8
The Starters	3	9
Bat-O-Matics	2	10
Innovators	0	11

Carbon League - West Division

Name	Won	Lost
Sparks	11	0
Seven + Three	11	1
Moneychangers	9	3
Bombers	7	4
Stonefingers	7	5
Odds and Ends	7	5
Gordon's Golden Flakes	6	5
Whirlybirds	6	5
Moxies	6	6
Bits and Pieces	5	7
The Loose Balls	4	7
Tape Worms	4	7
Rivets	3	8
Super-Subs	3	8
Rat House Gang	2	9
Three Up Three Down	1	11

First-half fishing winners

Y-12...

Y-12 has listed winners in the first-half-of-the-year fishing rodeo. Awards may be picked up in the Recreation Office, Building 9711-5.

Winners are:

Largemouth Bass	
A. L. Everett	8 lbs. 2 ozs.
H. Y. Rollen	7 lbs. 14 ozs.
E. M. McCullough	6 lbs. 8 ozs.
Smallmouth Bass	
L. T. Warrington	5 lbs. 13 ozs.
C. B. Burris	5 lbs. 6 ozs.
G. D. Watson	5 lbs. 5 ozs.
Striped Bass	
M. P. Crews Jr.	2 lbs. 12 ozs.
G. H. Caylor, wife	2 lbs. 9 ozs.
Walleyed Pike	
J. Max Whatley	7 lbs. 4 ozs.
J. W. Graves	5 lbs. 14 ozs.
H. E. Wright	4 lbs. 8 ozs.
Crappie	
S. E. Justice Jr.	2 lbs. 1 3/4 ozs.
C. R. Anderson	1 lb. 14 1/2 ozs.
B. P. Hampton	1 lb. 12 ozs.
Sauger	
John R. Campbell	4 lbs. 2 ozs.
James M. Wampler	3 lbs. 12 ozs.
Luther Thurman Jr.	2 lbs. 14 ozs.
Trout	
Jack R. Harris	1 lb. 12 ozs.
Joe Jackson, retiree	1 lb. 2 ozs.
Rough Fish	
W. M. McGuffin	18 lbs.
L. M. Denman	16 lbs. 9 ozs.
J. C. Drewery, son	12 lbs. 2 ozs.

Smallmouth Bass	
R. J. DeBakker	5 lbs. 3 ozs.
Donald L. Bennett	5 lbs. 2 ozs.
E. B. Blair, son	4 lbs.
Striped Bass	
Robert R. Spencer	2 lbs. 14 ozs.
Fred G. Leon, retiree	2 lbs. 12 ozs.
Sauger	
Herbert M. Johnson	4 lbs. 8 ozs.
William J. Martin	3 lbs. 8 ozs.
Pete Sothman	3 lbs. 1 oz.
Crappie	
J. T. Walker	2 lbs. 1 oz.
George C. Guerrant	1 lb. 4 ozs.
Bream	
D. A. Everitt, daughter	9 ozs.
George A. West	8 ozs.
Trout	
Loren Skow	1 lb. 11 ozs.
Rock Fish	
Ralph L. Clark	44 lbs. 8 ozs.
W. J. Lackey	29 lbs.
M. R. Love Jr.	14 lbs.
Rough Fish	
A. D. Ryon	12 lbs. 8 ozs.
J. M. Hackworth Jr.	6 lbs. 4 ozs.
Willie Graham	5 lbs. 12 ozs.

ORGDP...

ORGDP has published the winners in the fishing contest for the first half of 1980. Prizes may be picked up in Room C-136, Building K-1001.

Winners are:

Largemouth Bass	
Eugene A. Smith	9 lbs.
Edward J. Hardin, son	4 lbs. 9 ozs.
Smallmouth Bass	
James D. Herrin	5 lbs. 1 oz.
John R. Loyd	5 lbs.
E. S. Bishop Jr.	4 lbs. 8 ozs.
Walleyed Pike	
H. E. Walters, retiree	5 lbs. 9 ozs.
B. E. Woody Jr.	4 lbs. 6 ozs.
W. B. Chambley Jr.	4 lbs. 4 ozs.

Dead Horse golf...

The Mac Wright, Bill Butterini and Harold Alvey team leads the A League at Dead Horse Lake. Russ Dagley, C. C. Roberts and Emmett Walker are in second position seven points behind.

Sauger	
Robert F. Hyland	4 lbs.
Joe H. Fletcher	3 lbs. 3 ozs.
E. L. Garland	3 lbs. 1 oz.
Crappie	
Larry Hall	1 lb. 8 oz.*
C. W. Castle	1 lb. 8 oz.
*1/4 inch longer	
Bream	
B. J. Ford	1 lb. 2 ozs.
F. M. Shoemaker, son	12 ozs.
Muskie	
Jim Fox	27 lbs. 8 ozs.
N. L. Mantooth	24 lbs. 8 ozs.
E. M. Spencer Jr.	15 lbs. 8 ozs.
P. D. Brooks	13 lbs. 12 ozs.
W. T. Bales	9 lbs. 14 ozs.
Rough Fish	
Darrell C. Howard	20 lbs. 8 ozs.
Edward H. Jaynes	15 lbs. 8 ozs.

High Power Rifle...

Jack Spurling, Y-12, won the second match of the Carbide High Power Rifle League with a 773 out of 800. Frank Barnes, ORNL, was second with a 763; and Larry Weston, ORNL, was third with a 734. Other scores were: D. Kiplinger, ORNL, 731; G. Newtown, FOB, 679; R. Wiegand, Y-12, 672; P. Glover, ORNL, 659; M. A. Baker, ORNL, 634; H. Fell, Y-12, 593; and A. Beasley, Y-12, 572.

The third match of the League was won by Larry Weston, ORNL, with a 746. Roger Wiegand, Y-12, was second with a 740; and Don Kiplinger, ORNL, was third with a 730. Other scores saw P. Glover, ORNL, fire 686; H. Fell, Y-12, 647; A. Shifflett, FOB, 554; and I. Collier, ORNL, 374.

Mixed summer league...

At midway through the season, there are two teams tied for first place, the Good Luck 4 and the Four's Company team. Good Luck 4 bowled a 744/2089 scratch to lead all teams in that category, and Four's Company bowled an 818/2353 to lead in handicap scoring. Scratch honors go to Bill Muenzer for a fantastic 246/644 to lead all men and Mildred Gregg for 202/554 to lead the women. On the handicap side, leaders are Lee Jackson, 625; George Byrd, 225; and Gene Chance, 23/645, who took both places for women.

Next issue:

The next issue will be dated August 7. The deadline is July 30.

ORNL...

ORNL fishermen and women post names of winners for the first half of the year. Prizes may be obtained in Room J-108, Building 4500N.

Winners are:

Largemouth Bass	
Donald W. Parsons, son	8 lbs. 8 ozs.
G. K. Adkisson	6 lbs. 1 oz.
Leslie D. Foust	5 lbs. 9 ozs.

3112-80



SUCCESSFUL SUPERVISORS—Twenty supervisors in ORNL's Plant and Equipment Division successfully completed the Supervisors Development Program entitled "Supervising for Safety." Sixteen of the participants, who attended weekly training sessions and passed a final written exam, are shown with G. W. Oliphant, P & E Division Director; John Auxier, director of the Industrial Safety and Applied Health Physics Division; and Ray Millspaugh, course instructor. In the front row, from left, are E. Chapman, J. W. Prewitt, C. E. Smith, Millspaugh, R. E. Thomas, J. D. Weisgerber and H. L. Lloyd. In the second row are Auxier, J. W. Fox, C. Thomas, C. G. Shorter, J. L. Trout and J. M. Odum. In the back row are Oliphant, E. J. Shepherd, C. R. Kirkpatrick, J. H. Woods, J. H. Benn and W. L. Cox. Those not shown are M. R. Dew, E. Westmoreland, R. M. Hamley and D. R. Arwood.

Nuclear Division deaths

James D. Goodman, a machinist foreman in Y-12's Fabrication Division, died July 9 in a Knoxville hospital. A native of Lenoir City, he lived there at Route 8.

A veteran of the U. S. Navy, Mr. Goodman joined Union Carbide in 1955.

Survivors include his wife, Johnnie Sue Wilburn; a daughter, Pam Amos; a son, Jim; a granddaughter, Laura Amos; a brother, Joe Goodman; and three sisters, Bernice Courtney, Mourine Hodge and Ruth Pass.

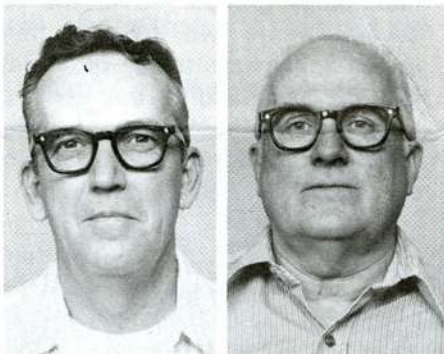
Services were held at the First Baptist Church with burial in Pleasant Hill Cemetery. The family has asked that any memorials be in the form of gifts to the Loudon County Rescue Squad or the new sanctuary building fund of the First Baptist Church of Loudon.

W. Darrell Cunningham, a craft foreman in the General Shops in Y-12, died in the Oak Ridge Hospital July 10. He began work at the Y-12 plant in 1960, after serving in the U. S. Navy.

He lived at Route 2, Sugar Grove Valley Road, Harriman.

Survivors include his wife, Helen Darris Cunningham; daughters, Alice Payne and Daryleen Rascati; three grandchildren; a brother, Thurrell Cunningham; and a sister, Berlie Cunningham.

Services were held at Martin's Funeral Home, Oak Ridge, with burial in the Anderson Memorial Gardens.



Mr. Goodman Mr. Cunningham

Anniversaries

ORNL

35 YEARS

Orville J. Gaines, Quality Assurance; Ralph E. Greene, Energy; William F. Shadden, Quality Assurance; Charles D. Wicker, Plant and Equipment.

30 YEARS

Betty S. Harmon, Information; Layton N. Howell, Engineering; John R. Lund, Analytical Chemistry; David C. Oden, Finance and Materials; Hugh E. Robertson, Engineering Technology; Frank Violet, Plant and Equipment; Alexander Zucker, Central Management.

25 YEARS

Thomas M. Cate Jr., Gerard Desaussure, Carl E. Golden, Raymond A. Padgett Jr., Jack A. Ray.

Y-12

25 YEARS

Olen K. Melton, Peggy K. Silver, Gino F. Zanolli, Hubert W. Hensley Jr., Betty D. Ward and Evelyn G. Dixon.

Question Box

How many beneficiary changes?

Beneficiary changes

QUESTION: I participate in the Group Life Insurance Plan, the Contributory Retirement Plan and the Savings Plan. When I make a change in beneficiary for my Group Life Insurance, does this change my beneficiary in the other plans?

ANSWER: No; only the beneficiary of your Group Life Insurance will be changed. You must complete a change form for each plan in which you participate.

Your beneficiary arrangements are a very important part of your estate and should be kept current. If you are not sure that your designated beneficiaries are those that you currently desire, call your Benefit Plans Office and they will obtain this information for you. They will also assist you in any changes you may wish to make.

Nepotism policy

QUESTION: What is the Company's policy concerning nepotism? A supervisor at our location has a relative under his supervision who seems to get favored treatment.

ANSWER: There is no formal Company policy prohibiting a person's working for a close relative. Normally, however, we think it is best for a supervisor not to have a close relative under his/her supervision. There are, however, exceptions to this general rule where, for example, a married couple is involved in a common research project.

We do not know the circumstances involved in the case to which you refer, but normally we try to avoid this kind of situation.

Save Energy / Share The Ride

ORNL

VAN POOL RIDER from West Knoxville (Bearden to Farragut area) to any portal, 8-4:30. Dean Treadway, plant phone 4-6580; home phone 584-4879.

ADDITIONAL MEMBERS for two-person car pool from Middlebrook Pike/Mars Hill Road/Country Club Apts./San Souci Apts., West Knoxville, to East Portal, 8:15-4:45. Could also merge with other car pool. J. W. Sims, plant phone 4-5926; home phone 693-8829; or J. W. Nave, plant phone 4-4485; home phone 690-4395.

RIDE from Friendsville to West Portal, 8-4:30 shift. C. A. Donahue, plant phone 6-2548, home phone 995-9223.

VAN POOL RIDERS from Oliver Springs to any portal, 8-4:30. Ova Miller, plant phone 4-4136; home phone 435-0130.

RIDERS FOR BUS POOL from Middlebrook Pike area of Cedar Bluff, West Knoxville (including stops at Middlebrook Pike United Methodist and Mars Hill Baptist churches and other areas of Cedar Bluff), to all portals, 8-4:30. Ray or Vic Claiborne, 693-1168.

VAN POOL RIDERS from Westtown, Rocky Hills sections, to South or West Portals, 8-4:30 shift. W. L. Patterson, plant phone 4-6888, home phone Knoxville 691-0781.

VAN POOL RIDER from West Knoxville, to any portal, straight day. Mike Caldwell, plant phone 4-4885, home phone Knoxville 691-4914.

ORGDP

BUS SERVICE from Westtown, Cedar Springs, Farragut Shopping Center, to Portals 1, 2, 3 and 4, 7:45-4:15 shift. Charlie Hinton, plant phone 6-0462, home phone Knoxville 693-7502.

BUS SERVICE from Westtown, Cedar Springs, Farragut Shopping Center, to Portals 1, 2, 3 and 4, 8-4:30 shift. Steve Buffalo, plant phone 6-7413, home phone Knoxville 690-5610.

Y-12

WILL JOIN CAR or VAN POOL from North Knoxville (Schell Road, off Inskip), to Central Portal, straight day. Lori Richardson, plant phone 4-0123, home phone Knoxville 688-4571.

Safety Scoreboard

Time worked without a lost-time accident through July 17:

Y-12 Plant.....	226 Days	7,768,000 Employee-Hours
ORGDP	164 Days	5,071,187 Employee-Hours
ORNL	68 Days	1,557,828 Employee-Hours
Paducah.....	34 Days	340,000 Employee-Hours



PADUCAH PLAUDITS—Clayton D. Zerby, manager of the Paducah Plant, left, and J. O. Dobson, representing the United Plant Guard Workers of America, receives Paducah's safety plaque from William S. Sneath, as W. S. Sacharnoski, vice president of the Oil, Chemical and Atomic Workers at Paducah, looks on from the right.



Y-12's PERFORMANCE—Acknowledging Y-12's safety performance for 1979 are, from left, Jack M. Case, plant manager, and Charlie Robinson, vice president of the Atomic Trades and Labor Council, accepting the plaque from William S. Sneath; as Robert L. Truitt, president of the International Guard Workers Local #3, looks on at right.



ORGDP AWARD—Accepting the Corporation's outstanding safety performance award are, from left, Bob D. Boone, representing the Oil, Chemical and Atomic Workers; and Charlotte T. May, representing the United Plant Guard Workers of America. William S. Sneath presents the award, as Kenneth W. Sommerfeld, ORGDP Plant Manager, looks on from the right.



LABORATORY CERTIFICATE—Herman Postma, director of ORNL, left, and Robert A. Keil, president of the Atomic Trades and Labor Council, accept the Laboratory's certificate from William S. Sneath, as Norman Beeler, vice president of ATLC, looks on from the right.

Savings Plan-Personal Investment Account

	Fixed Income Fund	UCC Stock	Equity Investment Fund
December 76	13.0553	59.2723	8.8166
December 77	14.2017	40.9096	8.0427
March 80	17.2734	38.5455	9.6320
April 80	17.4019	38.6371	10.0675
May 80	17.5301	40.7534	10.5271
June 80	17.6596	43.4691	10.7992
		40.4106*	

*Dividend reinvestment and stock purchase plan.

Note: Fixed Income Fund unit values reflect interest additions to achieve the guaranteed effective annual interest rate of 9.1% for 1980. Union Carbide stock values are the average cost of stock purchased during the month. Equity Investment Fund unit values represent the month-end market value of securities held by the Fund. The price of each unit is determined by dividing the total value of the securities by the number of units in the Fund.

Division to offer seminar for retirement planning

The Nuclear Division, recognizing the need and responsibility to assist employees and their spouses approaching retirement, will offer a Pre-Retirement Planning Seminar, with the pilot program to be presented at ORNL.

The nine-week seminar, which was developed by Action for Independent Maturity (AIM), a division of the American Association of Retired Persons, has been used successfully by a number of employers, including Union Carbide corporate headquarters.

The AIM Pre-Retirement Planning Seminar is based on the premise that retirement planning is an individual and personal matter. It brings together some 20 to 24 employees and spouses each week for two hours of interaction and discussion on a variety of topics under the guidance of a discussion leader and resource authority.

Session topics, which were selected by a panel of nationally recognized authorities in retirement planning, include (1) Challenge of Retirement, (2) Health and Safety, (3) Housing and Location, (4) Legal Affairs, (5) Attitude and Role Adjustment, (6) Meaningful Use of Time, (7) Sources of Income, (8) Company Benefits and (9) Financial Planning.

Participants will receive manuals containing reading materials and retirement planning formats, and complimentary one-year memberships in AIM.

Priority will be given to the employees who are nearest retirement age. For more information contact C. E. Wolfe (4-4409), ORNL Employee Relations Division, who will serve as administrator and discussion leader for the pilot program.

Best safety record in 37-year history

(Continued from page 1)

nology has been under fire by anti-technology groups. "Over the past several years we have suffered increasingly from a lack of credibility," he said, adding that we must make the public increasingly aware that safety is paramount in the conduct of our business.

Roger F. Hibbs, Nuclear Division President, distributed the National Safety Council's highest award (Award of Honor) to each facility. This award is presented when a facility accumulates three million or more employee hours without a lost workday injury.

Women's bowling...

The ORGDP Women's League will stage an organizational meeting on Tuesday, August 12, at 6 p.m. in the Ark Lanes nursery. Any women wishing to bowl should call the Recreation Office, extension 4-1597.

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